M. A. R. 57 (Rule 116) No. D

Measurement Book

1st & final bill

Serial No. 63169

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency M/S. KRIDL

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Name of work :- construction of RCC drains & CC roads at Ayyappa Layout & Mathrushree Layout in Ward No. 13 Shettyhalli Sub-division.					
	Job code :- 013-17-000075					
	A.A :- CE/DZ/AS/27/17-18, Dt :- 12/06/17.					
	T.S :- EE/DD/TS/63/17-18, Dt :- 12/06/17.					
	Work order :- BBMP/EE/DD/WO/103/2017-18, Dt :- 13/06/2017					
	Est Cost :- ₹. 50.00 Lakhs.					

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1.	Earthwork excavation by manual means in ordinary soil involving in average horizontal through upto 2m & an average lift upto 1.5m, excavated surface levelled & sides neately dressed, the disposed earth to be levelled neatly it is completed as per specification.						
	Vide qty pg # 63185					684.65 cum	
						@ ₹ 175.96/cum —	₹. 120471=00
2.	Removing BS Slab drain & Stacking It is completed as per specification						
	vide qty pg # 63184					715.50 Sqm	
						@ ₹. 65.71/Sqm —	₹. 47022=00

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

63170

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3.	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick. It is completed as per specification.						
	Vide qty pg # 63187 a) From using available jelly					63.13 cum	
						@ ₹. 4443.52/cum —	₹. 280589=00
	b) Remaining balance qty					7.37 cum	
						@ ₹. 5159.02/cum —	₹. 38009=00

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4.	construction of granular Sub-base by providing coarse graded crushed stone aggregates of granite / trap / basalt material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator. It is completed as per specification Vide Qty pg # 63192					~~cum~~ 94.59 cum 149696-00	
						@ ₹. 1582.58 / cum —	₹. ~~149755~~-00
5.	construction of dry lean cement concrete mix 1:5:10 with opc cement @ 160 kgs, with 25mm & down size graded granite metal coarse aggregates @ 0.86 cum & fine aggregates						

M. A. R. 57 (Rule 116) No. D

Measurement Book

63171

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 0.58 cum Sub-base over a prepared sub grade with aggregate Cement ratio not to exceed dry 15:1. It is completed as per specification Vide Qty pg # 63192				70.98 ~~67.25~~	cum 282973-00	
						@ ₹. 3986.66 / cum —	₹. ~~268105~~-00
6.	providing & laying in position plain cement concrete of mix m20 with opc cement @ 300 kgs, with 20mm & down size graded granite metal coarse aggregates @ 0.69 cum &						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregates @ 0.43 cum, machine mixed, concrete laid in layers not exceeding 15cms thick. It is completed as per specification						
	Side wall						
	12th cls Ayyappa Nlo (NIS)	2	30.00	×0.15	0.60	5.40	
		2	30.00	×0.15	0.60	5.40	
		2	30.00	×0.15	0.60	5.40	
		2	30.00	×0.15	0.60	5.40	
		2	20.00	×0.15	0.60	3.60	

M. A. R. 57 (Rule 116) No. D
Measurement Book

63172

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12th cls Ayyappa Nlo (SIS)	2	30.00	×0.15	$\frac{(0.6+0.65)}{2}$	5.63	
		2	30.00	×0.15	$\frac{(0.65+0.6)}{2}$	5.63	
		2	30.00	×0.15	0.60	5.40	
		2	30.00	×0.15	0.60	5.40	
		2	20.00	×0.15	0.65	3.90	
	11th cls Ravindra nagar (NIS)	2	30.00	×0.15	0.60	5.40	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.15	0.65+0.65/2	5.63	
		2	30.00	0.15	0.60	5.40	
		2	9.80	0.15	0.60	1.76	
	11th cls Ravindra nyr (S/s)	2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.65+0.6+0.55/3	5.63	
		2	30.00	0.15	0.60+0.55/2	5.63	
		2	9.80	0.15	0.60	1.76	
	2nd cls vijayalakshmi NO	2	30.00	0.15	0.60	5.40	
		2	19.80	0.15	0.60	3.56	

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Measurement Book

Serial No. .....
63173

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide Qty Pg # 63190	Add Raft Qty			(+)	72.59	
						169.20	cum
				@ ₹. 5874.52/cum		—	₹. 993968=~~75~~
	7. providing and removing centering, shuttering, strutting, proping etc and removal of form work for vertical surfaces such as walls at any thickness, including attatched pilasters, buttress plinth cills & string courses. It is completed as per specification						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	vide qty pg # 63191					1692.00 Sqm	
						@ ₹ 310.58/Sqm — ₹. 525501=00	
8.	Cement concrete pavement, construction of unreinforced plain cement concrete pavement, thickness as per design, over a prepared GSB-base with ope cement or any other type as per clause 1051.2.2 with 25mm & down size graded granite metal coarse aggregate & fine aggregates, with super plasticizer. It is completed as per specification.						
	1st cls vijayalakshmi M/o	1	30.60	4.20	0.15+0.18/2	20.79	

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Measurement Book

63174

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	18.40	4.20	0.15+0.18/2	12.36	
	2nd cls vijayalakshmi M/o	1	30.60	4.2+4.1/2	0.15+0.18/2	20.54	
		1	19.80	4.1+4.2/2	0.15+0.18/2	17.66	
						70.35 cum	44365/-0
						@ ₹. 6217.96/cum	₹.
9.	providing T.M.T. Steel reinforcement for R.C.C. work including Straightening, cutting, bending, hooking, placing in position						

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MEASUREMENT BOOK

Date	Full description etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lapping and / or binding wire and anchoring to the adjoining member wherever necessary. It is completed as per specification.	Welding wherever required, tying with					
	Vide city pg# 63188					10.15 Tonne	
		@ ₹. 74331.44 / Tonne				₹. 754612=00	
10.	providing groove cutting for width of 5mm to 10mm & depth 80 mm - 100mm including cost of cutting machine, generator & Hom of Machinary, including cost of blade, coolant etc. including cleaning of groove. It is completed as per specification						

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Measurement Book

63175

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5 x	4.00	–	–	20.00	
		5 x	4.10	–	–	20.50	
						40.50 Rmt	
			@ ₹. 121.90			₹. 4937=00	
11.	Providing & Lazing reinforced cement precast Slabs of mix CC 1:$\frac{1}{2}$:3 using 20mm & downsize graded granite metal using HYSD 10mm ϕ steel @ 100mm c/c both ways. It is completed as per specif...						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide Qty @ # 63194					559.62 Sqm	
Cfcd & Rs 22/10/18				@		₹. 1680.00 — ₹. 940161=60	22/10/18
							458153/-
		458138.00				Total — ₹. 458138.00	
		412335.00				KRIDL Charges 9% ₹. 41233.50	
		499371.50				Grand Total ₹. 499371.50	
							499368/-

Certificate

Certified that the work is done Satisfactorily.

22/10/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪೈಪ್‌ಲೈನ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

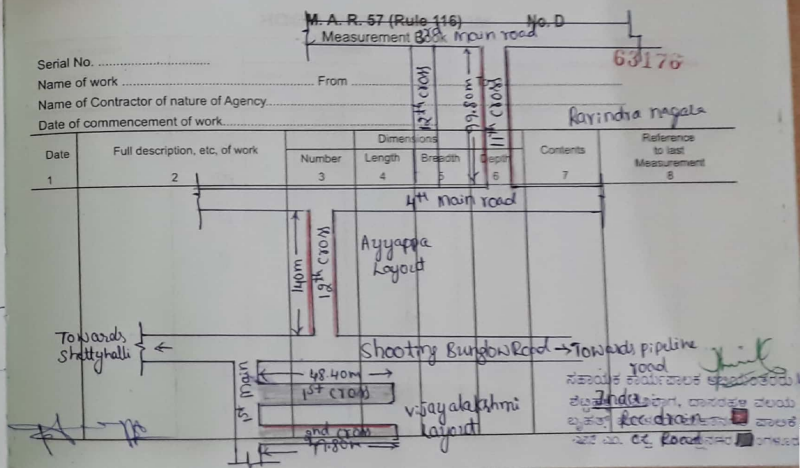
Name of work ..... From .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

63176

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪೈಪ್‌ಲೈನ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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